GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1935
ANSWERED ON:10.12.2015
Schemes under JNNSM
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the details of the schemes being implemented by the Government under Jawaharlal Nehru National Solar Mission (JNNSM);
(b) the physical and financial targets set under each of such schemes in the last five years and the achievements made thereunder, State/UT-wise;
(c) the mechanism in place with the Government to achieve the goals set under the mission till 2022; and
(d) the steps being taken to promote and encourage small solar power projects in rural areas under the scheme?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): The details of the schemes under Jawaharlal Nehru National Solar Mission (JNNSM) are given at Annexure-I
(b): The state/UT wise details of physical and financial targets set under each of the schemes and the achievement made thereunder are given at Annexure-II.
(c): The Government has revised the National Solar Mission target of Grid Connected Solar Power projects from 20,000 MW by 2022 to 1,00,000 MW by 2022. It is planned to achieve the revised target of 100 GW by setting up Distributed Rooftop Solar Projects and Medium & Large Scale Solar Projects, the break-up of which is as under:-
Category I Proposed Capacity
(MW) Category
II Proposed Capacity
(MW)
Rooftop Solar 40,000 Scheme for Decentralized Generation of Solar Energy Projects by Unemployed Youths and Farmers 10000
PSUs 10,000
Large Private Sector/IPPs 5,000
SECI 5,000
Under State Policies 20,000
Ongoing programmes including past achievements 10,000
Total 40,000 60,000

The Ministry has chalked out year wise target to achieve 1,00,000 MW by 2022 which is as under :
Year Rooftop
Projects
(MW) Ground Mounted Solar Power Projects (MW) Total
(in MW)
2015-16 200 1,800 2,000
2016-17 4,800 7,200 12,000
2017-18 5,000 10,000 15,000
2018-19 6,000 10,000 16,000
2019-20 7,000 10,000 17000
2020-21 8,000 9,500 17,500
2021-22 9,000 8,500 17,500
Total 40,000 57,000 97,000 *
*3,743 MW commissioned upto 31.03.2015.
(d): The steps taken by the Government to encourage small solar power projects under the scheme and to tap the potential of green energy are as under:
i. Grant of subsidy on Off-grid applications.
ii. Provision for renewable purchase obligation for solar has been made in the National Tariff Policy.
iii. Provision for Concessional Import duty/Excise duty exemption, accelerated depreciation and tax holiday for setting up of solar power plants.
iv. Facility for bundled power for Grid Connected Solar Projects through various interventions announced from time to time.
v. Awareness programmes such as exhibitions, training workshops etc. are conducted.
vi. Several R&D efforts initiated for new technologies and improvement in efficiency.
vii. Foreign direct investment is permitted in the automatic route.
viii. Investment in rooftop solar is considered as a part of housing loan/house improvement loan by all banks including private banks.
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